INDEX

PAGE

ABHYANKAR, SHREERAM. Tame coverings and fundamental groups of algebraic varieties, ... 46

AUSLANDER, M. and D. A. BUCHSBAUM. On ramification theory in Noetherian rings, ... 749

AZUMAYA, GORO. A duality theory for injective modules, ... 249

BAILY, WALTER L., JR. On the Hilber-Siegel modular space, . . 846

BARRATT, M. G., V. K. A. M. GUGENHEIM and J. C. MOORE. On semi-simplicial fibre-bundles, ... 639

BOAS, R. P., JR. Representations for completely convex functions, . 709

BOREL, A. and F. HIRZEBRUCH. Characteristic classes and homogeneous spaces, II, ... 315

BROWDER, FELIX E. Eigenfunction expansions for non-symmetric partial differential operators, II, ... 1

BROWDER, FELIX E. Eigenfunction expansions for non-symmetric partial differential operators, III, ... 715

BUCHSBAUM, D. A. See M. Auslander and D. A. Buchsbaum, page 749.

CHOW, WEI-LIANG. On the connectedness theorem in algebraic geometry, 1033

CORSON, H. H. Normality in subsets of product spaces, ... 785

CURTIS, M. L. Self-linked subgroups of semigroups, ... 889

DIXMIER, J. Sur les représentations unitaires des groupes de Lie nilpotents, I, ... 160

DYE, H. A. On groups of measure preserving transformations, I, . 119

EHRENPREIS, LEON. Theory of infinite derivatives, ... 799

ERRATA, ... 279

ERRATA, ... 797

FEEMAN, GEORGE F. and CHUAN-CHIH HSIUNG. Characterizations of Riemann n-spheres, ... 691

FORT, M. K., JR. Images of plane continua, ... 541

FRIEDMAN, AVNER. On the uniqueness of the Cauchy problem for parabolic equations, ... 503

PAGE

GUGENHEIM, V. K. A. M. See M. G. Barratt, V. K. A. M. Gugenheim and J. C. Moore, page 639.

HARTMAN, PHILIP and LOUIS NIRENBERG. On spherical image maps whose Jacobians do not change sign, ... 901

HIRSCH, MORRIS W. and STEPHEN SMALE. On involutions of the 3-sphere, ... 893

HIRZEBRUCH, F. See A. Borel and F. Hirzebruch, page 315.

HSIUNG, CHUAN-CHIH. See George F. Feeman and Chuan-Chih Hsiung, page 691.

HUGHES, D. R. Collineation groups of non-Desarguesian planes, I, . 921

IGUSA, JUN-ICHI. On the transformation theory of elliptic functions, 436

IGUSA, JUN-ICHI. Fibre systems of Jacobian varieties (III. Fibre systems of elliptic curves), ... 453

IGUSA, JUN-ICHI. Kroneckerian model of fields of elliptic modular functions, ... 561

ISEKI, SHÔ. A partition function with some congruence condition, . 939

KADISON, RICHARD V. and I. M. SINGER. Extensions of pure states, . 383

KAN, DANIEL M. A relation between *CW*-complexes and free c.s.s. groups, ... 512

KERVAIRE, MICHEL A. A note on obstructions and characteristic classes, 773

KODAIRA, K. and D. C. SPENCER. A theorem of completeness of characteristic systems of complete continuous systems, . . 477

KOSTANT, BERTRAM. The principal three-dimensional subgroup and the Betti numbers of a complex simple Lie group, . . . 973

LANG, S. and A. NÉRON. Rational points of abelian varieties over function fields, ... 95

LILLO, JAMES C. Linear differential equations with almost periodic coefficients, ... 37

LORCH, LEE. The Lebesgue constants for Jacobi series, II, . . 875

MALLIAVIN, PAUL. L'approximation polynomiale pondéré sur un espace localement compact, ... 605

MCKIBBEN, JOHN J. Singular integrals in two dimensions, . . 23

MILNOR, JOHN. Differentiable structures on spheres, ... 962

MOORE, J. C. See M. G. Barratt, V. K. A. M. Gugenheim and J. C. Moore, page 639.

PAGE

NAGATA, MASAYOSHI. A general theory of algebraic geometry over Dedekind domains, III, ... 401

NAGATA, MASAYOSHI. An example to a problem of Abhyankar, . 501

NAGATA, MASAYOSHI. On the 14th problem of Hilbert, . . . 766

NELSON, EDWARD and W. FORREST STINESPRING. Representation of elliptic operators in an enveloping algebra, . . . 547

NÉRON, A. See S. Lang and A. Néron, page 95.

NIRENBERG, LOUIS. See Philip Hartman and Louis Nirenberg, page 901.

PETERSON, F. P. and N. STEIN. Secondary cohomology operations: two formulas, ... 281

REINHART, BRUCE L. Harmonic integrals on foliated manifolds, . 529

REINHART, BRUCE L. Line elements on the torus, ... 617

SAMPSON, J. H. and G. WASHNITZER. Numerical equivalence and the zeta-function of a variety, ... 735

SEELEY, R. T. Singular integrals on compact manifolds, . . . 658

SHOENFIELD, J. R. On the independence of the axiom of constructibility, 537

SIMON, ARTHUR B. On the maximality of vanishing algebras, . . 613

SINGER, I. M. See Richard V. Kadison and I. M. Singer, page 383.

SMALE, STEPHEN. See Morris W. Hirsch and Stephen Smale, p. 893.

SPENCER, D. C. See K. Kodaira and D. C. Spencer, page 477.

STEIN, N. See F. P. Peterson and N. Stein, page 281.

STERNBERG, SHLOMO. The structure of local homeomorphisms, III, . 578

STINESPRING, W. FORREST. See Edward Nelson and W. Forrest Stinespring, page 547.

TÔGÔ, SHIGEAKI. A note on formal Lie groups, ... 632

WASHNITZER, G. Geometric syzygies, ... 171

WASHNITZER, G. See J. H. Sampson and G. Washnitzer, page 735.

WHYBURN, G. T. Compactness of certain mappings, . . . 306